

ABSTRACT OF THE DISCLOSURE

A hydraulic actuator for use in a work vehicle includes a tube including a first end, a second end and an inner surface; a plug with a portion of the plug disposed inside the tube and a portion of the plug extending outside the tube; a weld extending around the perimeter of the plug and coupling the first end of the tube to the plug, the weld forming a fluid-tight seal between the plug and the tube; a seal abutting against the plug and the inner surface of the tube and being spaced from the weld; an end plug affixed to the second end of the tube to enclose and seal the second end of the tube, the end plug defining a rod opening; a piston configured to be slidingly supported within the tube, the piston including a retract face, an extend face oppositely disposed from the retract face and a lip protruding from the extend face; and a piston rod affixed to the piston, the piston rod extending out of the tube through the rod opening.